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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=11; day=13; hr=13; min=12; sec=54; ms=114;
]

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Reviewer Comments:

<210> 23

<211> 70

<212> PRT

<213> Artificial

<220>

<223> Partial amino acid sequence of F-NEXT.

<400> 23

The above is insufficient response for numeric identifier <223>. Please explain the source of the genetic material. When using "Artificial" for numeric identifier <213>, please provide as much taxonomic information, as possible, about the organism from which the genetic material was extracted. If the genetic material was extracted from a sample in which there was an unknown variety of organisms, please explain where the sample was taken, for example a soil sample. These errors appear in other sequences in the sequence listing. Please make all necessary changes

Application No: 10521691 Version No: 2.0

Input Set:**Output Set:**

Started: 2008-10-20 15:40:30.339
Finished: 2008-10-20 15:40:32.938
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 599 ms
Total Warnings: 57
Total Errors: 0
No. of SeqIDs Defined: 57
Actual SeqID Count: 57

Error code	Error Description
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W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
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W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
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W 402	Undefined organism found in <213> in SEQ ID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-10-20 15:40:30.339
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Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 599 ms
Total Warnings: 57
Total Errors: 0
No. of SeqIDs Defined: 57
Actual SeqID Count: 57

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (23)
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W 402	Undefined organism found in <213> in SEQ ID (25) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (26)
W 213	Artificial or Unknown found in <213> in SEQ ID (27)
W 213	Artificial or Unknown found in <213> in SEQ ID (28)
W 213	Artificial or Unknown found in <213> in SEQ ID (29)
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W 213	Artificial or Unknown found in <213> in SEQ ID (49) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

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<120> NOVEL Notch-ORIGIN POLYPEPTIDES AND BIOMARKERS AND REAGENTS USING
THE SAME

<130> 10873.1604USWO

<140> 10521691

<141> 2005-08-31

<150> JP 2002-210040

<151> 2002-07-18

<160> 57

<170> PatentIn version 3.5

<210> 1

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<213> mouse

<400> 1

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				20

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Met

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<211> 18

<212> PRT

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1 5 10 15

Met Tyr

<210> 4
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<212> PRT
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Met Tyr Val Ala
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Met Tyr Val Ala Ala Ala
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1 5 10 15

Met Tyr Val Ala Ala Ala Ala
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Met Tyr Val Ala Ala Ala Ala Phe
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<210> 8

<211> 25

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Met Tyr Val Ala Ala Ala Ala Phe Val
20 25

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Met Tyr Val Ala Ala Ala Ala Phe Val Leu
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1 5 10 15

Met

<210> 11

<211> 18
<212> PRT
<213> human

<400> 11

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
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Met Tyr

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Met Tyr Val Ala
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Met Tyr Val Ala Ala
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<400> 14

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr Val Ala Ala Ala
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<210> 15
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1 5 10 15

Met Tyr Val Ala Ala Ala Ala
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<400> 16

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1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe
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<400> 17

Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
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Met Tyr Val Ala Ala Ala Ala Phe Val
20 25

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Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
1 5 10 15

Met Tyr Val Ala Ala Ala Ala Phe Val Leu
20 25

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<220>

<223> Partial amino acid sequence of F-NEXT.

<400> 23

Met Pro Arg Leu Leu Thr Pro Leu Leu Cys Leu Thr Leu Leu Pro Ala
1 5 10 15

Arg Ala Ala Arg Gly Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met
20 25 30

Val Met Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His
35 40 45

Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe Val Gly
50 55 60

Cys Gly Val Leu Leu Ser
65 70

<210> 24

<211> 31

<212> PRT

<213> mouse

<400> 24

Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val
1 5 10 15

Leu Leu Phe Phe Val Gly Cys Gly Val Leu Leu Ser Arg Lys Arg
20 25 30

<210> 25

<211> 31

<212> PRT

<213> human

<400> 25

Gly Ser Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val
1 5 10 15

Ile Ala Thr Val Ile Val Ile Thr Leu Val Met Leu Lys Lys Lys
20 25 30

<210> 26

<211> 45
<212> PRT
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Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe Val Leu Leu Phe Phe Val Gly Cys Gly
35 40 45

<210> 27
<211> 38
<212> PRT
<213> Artificial

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<223> Partial amino acid sequence of F-NEXT.

<400> 27

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1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe Val Leu
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<210> 28
<211> 37
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<400> 28

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe Val
35

<210> 29
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<400> 29

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala Phe
35

<210> 30
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<400> 30

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1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala Ala Ala
35

<210> 31
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<212> PRT
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<400> 31

Arg Gly Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys
1 5 10 15

Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr
20 25 30

Val Ala Ala
35

<210> 32

<211> 33

<212> PRT

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<400> 32

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

Ala

<210> 33

<211> 31

<212> PRT

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<223> Partial amino acid sequence of F-NEXT.

<400> 33

Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu Pro Val
1 5 10 15

Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala Ala
20 25 30

<210> 34
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<400> 34

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr Val Ala
20 25 30

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<400> 35

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
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Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met Tyr
20 25 30

<210> 36
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<400> 36

Leu Arg Asp Tyr Lys Asp Asp Asp Asp Lys Met Val Met Lys Ser Glu
1 5 10 15

Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu Met
20 25

<210> 37
<211> 23
<212> PRT

<213> mouse

<400> 37

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu
20

<210> 38

<211> 23

<212> PRT

<213> human

<400> 38

Leu His Phe Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu
20

<210> 39

<211> 23

<212> PRT

<213> mouse

<400> 39

Leu Leu Tyr Leu Leu Ala Val Ala Val Val Ile Ile Leu Phe Phe Ile
1 5 10 15

Leu Leu Gly Val Ile Met Ala
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<210> 40

<211> 23

<212> PRT

<213> human

<400> 40

Leu Leu Tyr Leu Leu Ala Val Ala Val Val Ile Ile Leu Phe Ile Ile
1 5 10 15

Leu Leu Gly Val Ile Met Ala
20

<210> 41
<211> 23
<212> PRT
<213> mouse

<400> 41

Leu Leu Pro Leu Leu Val Ala Gly Ala Val Phe Leu Leu Ile Ile Phe
1 5 10 15

Ile Leu Gly Val Met Val Ala
20

<210> 42
<211> 23
<212> PRT
<213> human

<400> 42

Leu Leu Pro Leu Leu Val Ala Gly Ala Val Leu Leu Leu Val Ile Leu
1 5 10 15

Val Leu Gly Val Met Val Ala
20

<210> 43
<211> 23
<212> PRT
<213> mouse

<400> 43

Ile Leu Cys Ser Pro Val Val Gly Val Leu Leu Leu Ala Leu Gly Ala
1 5 10 15

Leu Leu Val Leu Gln Leu Ile
20

<210> 44
<211> 23
<212> PRT
<213> human

<400> 44

Val Leu Cys Ser Pro Val Ala Gly Val Ile Leu Leu Ala Leu Gly Ala
1 5 10 15

Leu Leu Val Leu Gln Leu Ile

<210> 45
<211> 24
<212> PRT
<213> human

<400> 45

Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val
1 5 10 15

Ile Val Ile Thr Leu Val Met Leu
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<210> 46
<211> 8
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<223> Partial amino acid sequence of F-NEXT.

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Leu His Leu Met Tyr Val Ala Ala
1 5

<210> 47
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<212> PRT
<213> Artificial

<220>
<223> Partial amino acid sequence of F-NEXT.

<400> 47

Leu His Leu Met Tyr Val Ala Ala Ala Ala
1 5 10

<210> 48
<211> 11
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<223> Partial amino acid sequence of F-NEXT.

<400> 48

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1 5 10

<210> 49
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<400> 49

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val
1 5 10

<210> 50
<211> 28
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<220>
<223> Partial amino acid sequence of F-NEXT.

<400> 50

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser Arg Lys Arg Arg
20 25

<210> 51
<211> 24
<212> PRT
<213> Artificial

<220>
<223> Partial amino acid sequence of F-NEXT.

<400> 51

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
20

<210> 52
<211> 24
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<400> 52

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
20

<210> 53

<211> 24

<212> PRT

<213> Artificial

<220>

<223> Partial amino acid sequence of F-NEXT(V1744G).

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Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Gly Leu Leu Ser
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<210> 54

<211> 24

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<213> Artificial

<220>

<223> Partial amino acid sequence of F-NEXT(V1744L).

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1 5 10 15

Val Gly Cys Gly Leu Leu Leu Ser
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<210> 55

<211> 24

<212> PRT

<213> Artificial

<220>

<223> Partial amino acid sequence of F-NEXT.

<400> 55

Leu His Leu Met Tyr Val Ala Ala Ala Ala Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
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<210> 56

<211> 24

<212> PRT

<213> Artificial

<220>

<223> Partial amino acid sequence of F-NEXT(mutant).

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Leu His Leu Met Tyr Val Gly Gly Gly Gly Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
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<210> 57

<211> 24

<212> PRT

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<220>

<223> Partial amino acid sequence of F-NEXT(mutant).

<400> 57

Leu His Leu Met Tyr Val Leu Leu Leu Leu Phe Val Leu Leu Phe Phe
1 5 10 15

Val Gly Cys Gly Val Leu Leu Ser
20